

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071318\
 Data File : BM015940.D
 Acq On : 13 Jul 2018 12:47
 Operator : SJ/JU
 Sample : SSTD02031
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02031

Quant Time: Jul 13 13:32:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 13 13:29:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	49987	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	243579	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.89	164	153453	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	361818	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	449476	20.00	ng/ul	0.00
85) Perylene-d12	24.13	264	482635	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	8936	8.60	ng/uL	0.00
5) Phenol-d5	7.42	99	84855	21.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	56021	22.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	73935	22.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	73641	22.61	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	34264	21.87	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	38670	27.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	75967	21.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	101675	25.00	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	269462	22.22	ng/ul	0.00
46) Acenaphthylene-d8	14.59	160	311081	20.20	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	44663	22.70	ng/ul	0.00
57) Fluorene-d10	15.87	176	226560	21.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.01	200	42300	27.39	ng/ul	0.00
70) Anthracene-d10	17.72	188	357007	20.95	ng/ul	0.00
78) Pyrene-d10	19.97	212	402328	17.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.97	264	511672	21.59	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.53	88	8741	7.813	ng/uL# 87
4) Benzaldehyde	7.40	77	59990	26.321	ng/ul 92
6) Phenol	7.45	94	84398	21.680	ng/ul# 71
8) Bis(2-Chloroethyl)ether	7.68	93	64734	21.039	ng/ul# 83
10) 2-Chlorophenol	7.82	128	72887	22.441	ng/ul 91
11) 2-Methylphenol	8.72	108	66124	22.306	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.78	45	105780	18.547	ng/ul# 90
14) Acetophenone	9.10	105	122206	25.369	ng/ul# 78
15) N-Nitroso-di-n-propylamine	9.07	70	63242	24.537	ng/ul# 68
16) 4-Methylphenol	9.05	108	73188	22.972	ng/ul 88
17) Hexachloroethane	9.35	117	31848	24.196	ng/ul 91
20) Nitrobenzene	9.49	77	98105	24.559	ng/ul 88
21) Isophorone	10.01	82	170461	21.854	ng/ul 97
23) 2-Nitrophenol	10.21	139	44015	26.838	ng/ul# 74
24) 2,4-Dimethylphenol	10.25	107	95592	23.070	ng/ul 95
25) Bis(2-Chloroethoxy)methane	10.49	93	97915	20.402	ng/ul 98
27) 2,4-Dichlorophenol	10.74	162	75719	22.439	ng/ul 99
28) Naphthalene	11.14	128	249237	20.989	ng/ul 99
30) 4-Chloroaniline	11.26	127	102521	26.379	ng/ul 100
31) Hexachlorobutadiene	11.40	225	51012	22.650	ng/ul 94
32) Caprolactam	12.04	113	23284	23.047	ng/ul# 66
33) 4-Chloro-3-methylphenol	12.36	107	89462	24.922	ng/ul 97
34) 2-Methylnaphthalene	12.73	142	183257	21.633	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.09	216	92324	18.954	ng/ul#	95
37) Hexachlorocyclopentadiene	13.06	237	35324	10.882	ng/ul#	96
38) 2,4,6-Trichlorophenol	13.34	196	60301	20.842	ng/ul	98
39) 2,4,5-Trichlorophenol	13.42	196	65687	21.674	ng/ul	98
40) 1,1'-Biphenyl	13.73	154	247564	20.145	ng/ul	99
41) 2-Chloronaphthalene	13.77	162	193023	20.268	ng/ul	99
42) 2-Nitroaniline	13.99	65	62400	28.120	ng/ul#	72
44) Dimethylphthalate	14.34	163	266343	22.798	ng/ul	99
45) 2,6-Dinitrotoluene	14.47	165	48006	25.442	ng/ul#	62
47) Acenaphthylene	14.62	152	305673	20.927	ng/ul	99
48) 3-Nitroaniline	14.81	138	49845	26.152	ng/ul	93
49) Acenaphthene	14.95	153	217989	21.375	ng/ul	98
50) 2,4-Dinitrophenol	15.03	184	21269	26.046	ng/ul#	1
52) 4-Nitrophenol	15.11	109	53851	36.002	ng/ul#	78
53) Dibenzofuran	15.29	168	307319	21.960	ng/ul	92
54) 2,4-Dinitrotoluene	15.26	165	79130	29.051	ng/ul#	60
55) 2,3,4,6-Tetrachlorophenol	15.51	232	58377	22.641	ng/ul#	83
56) Diethylphthalate	15.69	149	292308	25.009	ng/ul	97
58) Fluorene	15.93	166	252365	22.138	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.92	204	123833	21.209	ng/ul	94
60) 4-Nitroaniline	15.97	138	52586	24.425	ng/ul#	61
63) 4,6-Dinitro-2-methylphenol	16.02	198	43967	26.372	ng/ul#	73
64) N-Nitrosodiphenylamine	16.13	169	216301	20.010	ng/ul	97
65) 4-Bromophenyl-phenylether	16.80	248	74604	18.392	ng/ul	95
66) Hexachlorobenzene	16.93	284	83600	18.432	ng/ul	94
67) Atrazine	17.06	200	84879	22.544	ng/ul	98
68) Pentachlorophenol	17.27	266	40606	17.036	ng/ul	100
69) Phenanthrene	17.66	178	413705	21.341	ng/ul	99
71) Anthracene	17.75	178	418769	21.218	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.70	216	96627	17.419	ng/uL	99
73) Pentachlorobenzene	15.20	250	96594	18.076	ng/uL	97
74) Carbazole	18.02	167	374370	22.912	ng/ul	97
75) Di-n-butylphthalate	18.54	149	498583	24.580	ng/ul#	97
76) Fluoranthene	19.64	202	488667	24.374	ng/ul#	95
79) Pyrene	20.00	202	513919	18.301	ng/ul	95
80) Butylbenzylphthalate	20.86	149	248866	25.320	ng/ul	87
81) 3,3'-Dichlorobenzidine	21.64	252	196102	24.106	ng/ul	99
82) Benzo(a)anthracene	21.72	228	564904	21.434	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.60	149	366298	24.991	ng/ul	96
84) Chrysene	21.77	228	523291	21.260	ng/ul	98
86) Di-n-octyl phthalate	22.52	149	652759	23.061	ng/ul#	85
87) Benzo(b)fluoranthene	23.40	252	582428	20.115	ng/ul	98
88) Benzo(k)fluoranthene	23.44	252	577407	20.722	ng/ul	98
90) Benzo(a)pyrene	24.02	252	571385	21.084	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.58	276	694721	22.858	ng/ul#	94
92) Dibenzo(a,h)anthracene	26.58	278	587429	23.049	ng/ul	96
93) Benzo(g,h,i)perylene	27.34	276	563381	22.800	ng/ul#	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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